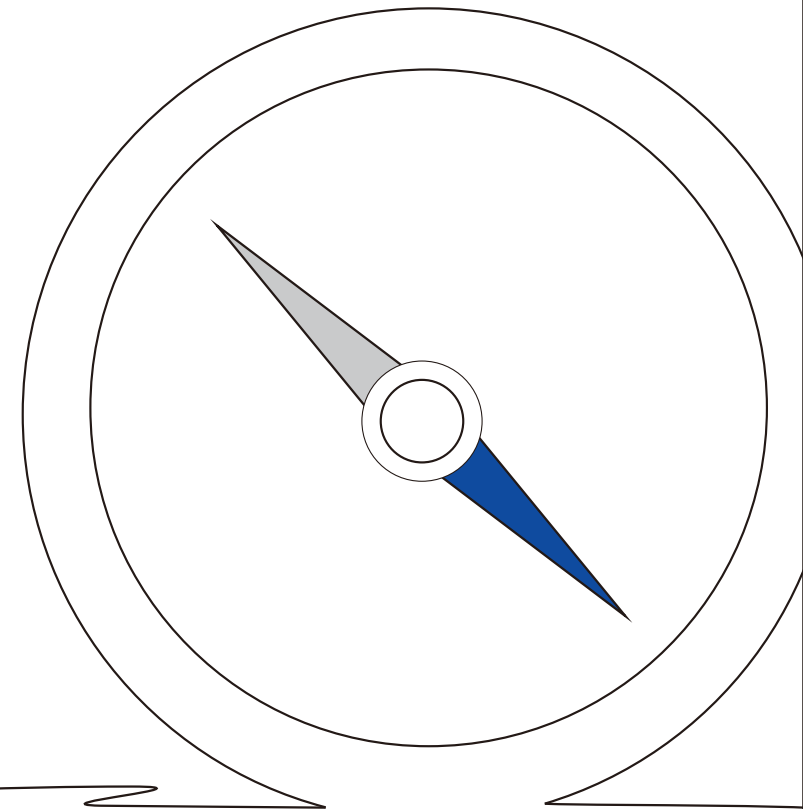
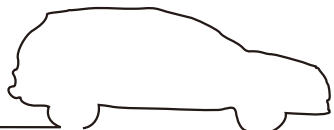


# User's Manual

IN-DASH CAR MULTIMEDIA SYSTEM

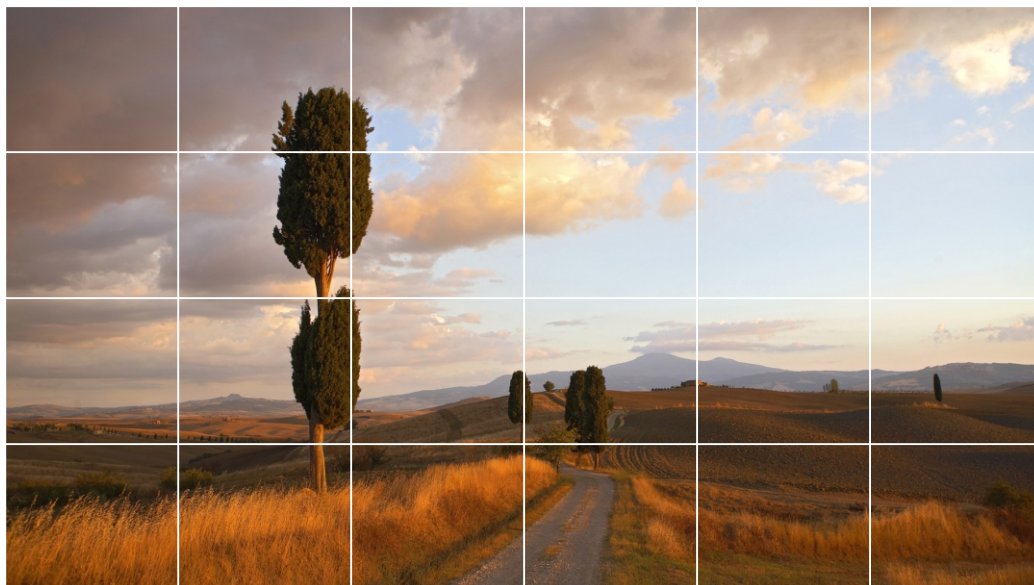
Without written consent, any part of this user manual should not be used or re-published in any way. All the products and companies mentioned in the use's manual belong to their own proprietor. Specifications are subject to change without further notice! The user manual is for reference only; please refer to the product for actual operations.

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#### **\*Note:**

Some pictures may vary from actual product.

Some functions/accessories are optional. Please check with your dealer/installer for any questions.



## Note:

Please read this manual and any other info included, prior to using this product. It is important to be aware of the warnings for the safety of all users and the device.

- **DO NOT** setup or make any setup changes while driving vehicle. Make sure vehicle is stopped and parked safely before entering any set up info and/or changes.
- It is illegal and unsafe to play any video that may be viewable by the driver in most regions. Please obey all rules and regulations.
- Navigation is for reference only. Routes, reception, and road conditions may change without notice.
- Do not attempt to install or repair the device. Installation and repair of device is dangerous and should not be attempted by anyone other than an authorized installation or repair center.
- Do not touch the screen with sharp objects. Do not press against the screen with hard objects. Doing so will damage the screen display or touch screen.
- To ensure the device works normally and to prevent damage, do not expose the device to extremely damp air or liquids of any kind.
- The device only supports the standard 12cm DVD/CD sized discs. Do not insert discs of other size or any or other objects into the device. This device only supports one disc at a time. Do not attempt to load more than one disc at any given time.



## Important Hints and warnings:

Information with this symbol is important. Please pay special attention to notes with this symbol.



## Product Introduction

Thank you for the purchase of this unit. This multimedia entertainment system integrates GPS navigation, audio and video entertainment, and mobile office applications like Bluetooth and Microsoft Office document reading capability.

This product is designed with the function and appearance of the original vehicle interior, while preserving an extensive list of features and customizations. We hope you enjoy this GPS entertainment system, and all of the new features it brings.

## Features



- 800 x 400 LCD touch screen.
- Navigation Map display with Route Plan, Advanced POI Management.
- Bluetooth hands-free ,phonebook transfer , A2DP function.
- MP3/MP4 player ( MPEG1/2 , MPEG4 , WMV9 ) .
- DVD player, compatible with DVD, DVD-R/RW, DVD+R/RW, VCD, CD, CD-R/RW, MP3.
- Radio AM/FM (Supports U.S., Asia pacific regions and European regions).
- iPod connectivity.
- Clock and calendar.
- Optional Digital TV tuner.
- Optional backup camera .
- Optional AUX camera

To turn the unit on, press the power button while the vehicle is in the accessory position. To turn the unit off, press the power button or turn the vehicle in the off position.



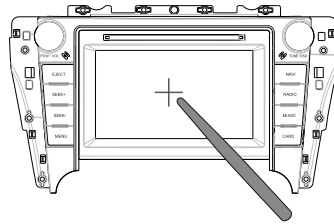
### Note:

Remove protective film from the touch screen before operation.



## Calibration

Calibrating the touch screen will line up your physical touch to where the device perceives your touch is. If your touch doesn't line up to where it should on the screen, you may need to re-calibrate the touch screen.



Touch the "Apps" icon in the main menu, then the "Options" icon in the apps menu. Next touch the "System" tab. Touch "Calibration" to begin.

Touch the "+" in the center of the screen. The "+" it will move to a new location each time you touch it until calibration is complete (center, top left, top right, bottom left, and bottom right). The calibration screen will close automatically, or a prompt will ask you to touch anywhere on the screen to accept changes.

## Switching Programs



You can switch programs by pressing the "Mode" button on their Steering Wheel Controls, pressing an application button on the unit, minimizing the program and selecting another application, or pressing the "Menu" button on the unit and selecting another application.



### Note:

- The Radio, Movie, Music, and DVD applications cannot run at the same time, however any one of these applications can run at the same time as any other program.



- If the Navigation and Bluetooth applications are running at the same time, the Bluetooth will have priority during a phone call, and audio from the navigation will be muted for the call duration.



## Functions and appearance customization



### Note:

The images used in this manual are meant for a guide only, and may not be shown exactly as displayed on your unit.

- To switch application or position of applications displayed, press and hold any of the icons in the main menu or "Apps" menu until dotted lines appear.
- Touch any icon to display that icon's edit menu. Touch "Delete" to create a blank space, "Edit" to choose another application from the application menu, or "Default" to restore original icon settings.
- Touch and drag any icon to desired position. Touch anywhere outside of the dotted area to resume regular icon function.







This is the default screen shown when you turn the unit on. Touch "Navigator" for GPS navigation, "Music" for MP3 playback, "DVD" for DVD and CD playback, and "Apps" to open the apps menu. This screen will also show you which program is currently running, as well as the date and time. You can come back to this menu at any point in time by minimizing or closing the current program, or pressing the "Menu" button on the unit.



### Navigator

Touch "Navigator" in the Main Menu or press the unit's "NAVI" button to enter the navigation interface. This product supports different maps. For instructions on how to use the map system, consult map User guide.



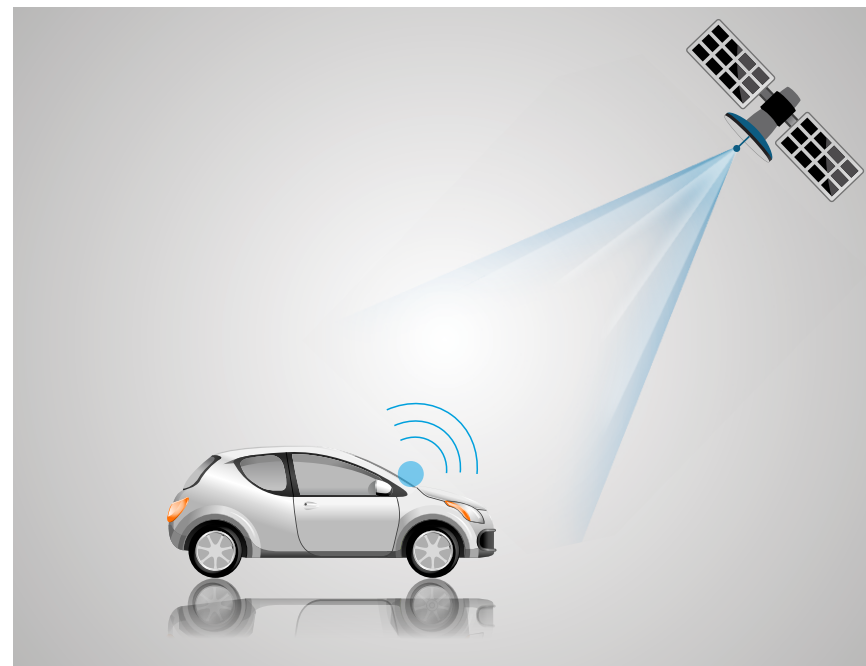
### Notice:

The "Navione" folder in SD card contains the navigation program files. Do not delete any of these files; or it will stop the navigator from functioning properly.



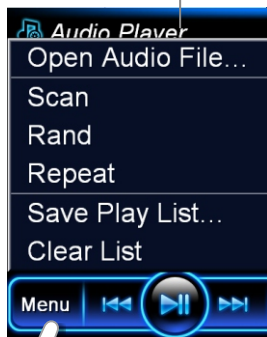
### Satellite signal reception

The system receives satellite signals automatically; however the surrounding environment and weather conditions may result in lower signal reception. Lower signal reception may cause delayed location tracking, and sometimes can cause periods of signal loss.





Touch "Music" in the main menu to start the music player. You can also double tap audio files in "Files" app to automatically open the music player and play files.  
Music file supported: MP3 / WMA / WAV.



Touch the "Menu" icon to show "audio player settings" menu.

Touch "Open Audio File" to select files to add to your playlist. Touch "Scan" to search device for all audio files available. Select playback mode by touching "Random" or "Repeat". Click "Save Play List" to save the current playlist, or "Clear List" to delete existing playlist (this will not delete audio files).



## Audio Player



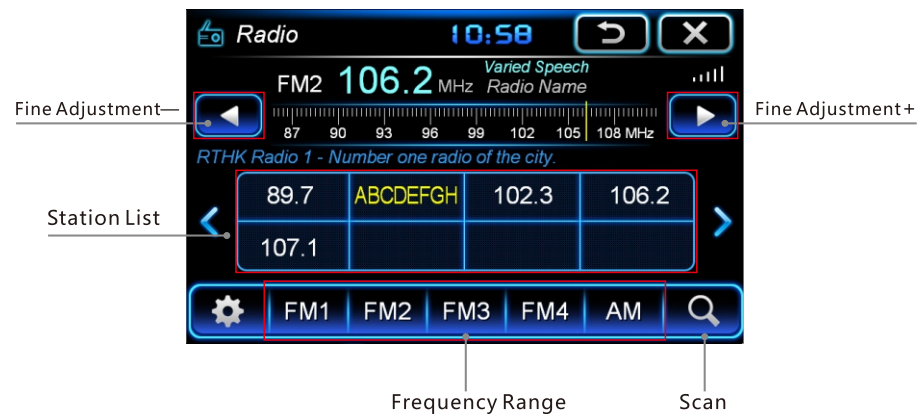
Touch "Open audio file" to view the audio files in the local device, USB and SD card. Click one file or "All" and click "OK" to play.

- The system has built-in MP3 player, it supports MP3, WMA and WAV format.
- The information screen displays the title, artist, and program status for the music file currently playing.
- The program status position can be dragged to change the point at which the music file is playing at any time.

**Note:**

Some models do not have Radio or RDS functions.

Touch the "Radio" icon in the main menu, or press the unit's "RADIO" button to enter the Radio application. You can search for radio stations, adjust radio frequencies, save favorite stations to presets, and rename them.

**Radio**
**Fine adjustment or use OSD button**

You can adjust the current frequency in a small range through fine adjustment. Every time short press the fine adjustment button, the frequency will change: FM increases by 0.1MHz a step, AM increases by 9KHZ a step, and the radio station can be saved.

**Scan**

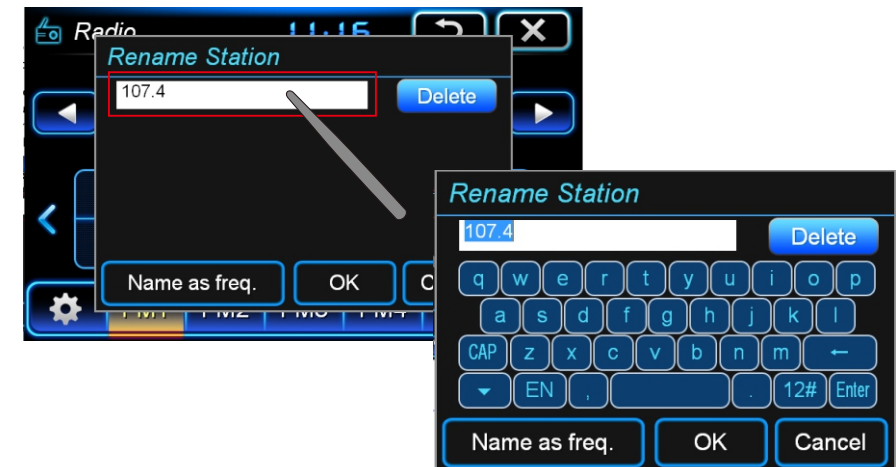
Short press this button to search a radio station while the radio is playing, and long press the blank block to save the radio station. Long press this button to auto search radio station and the stations will be saved automatically. The radio station searched is named in a default way: "multispectral" + "frequency". The station list is updated after auto searching radio station. The previous renamed radio station would be updated as default naming method. The radio station can be also renamed as required..

When you touch the radio settings button, you can choose "Rename Station", "Delete Station", "Delete All Stations", "Local Setting", and "Audio".

**Rename Station**



Once a station is entered in to the presets, you can rename it. Select the preset station you wish to rename touch "settings icon", then "Rename Station".

Touch the text input box (Ex. SZ87.8) to display the on screen keyboard. Using the keyboard and delete button, you can modify the preset name. Press "OK" button to save the new preset name, "Cancel" to keep the old preset name, or "Name as freq." to automatically name the preset to the station frequency.





## Delete Station / Delete All Stations

To remove a saved preset station, select the station you wish to delete from the preset menu, press the  button, then press "Delete Station". To remove all saved presets, press the  button, then press "Delete All Stations".



## Local Setting

Select your local radio frequency standards by clicking "Local Setting". Choose the setting for your location by touching "Asia", "America", or "Europe", pressing ok, then resetting the unit.



Location	FM	AM
ASIA	87.5~108.0MHz ( at 100KHz steps )	531~1620KHz ( at 9KHz steps )
AMERICA	88.1~107.9MHz(at 200KHz steps)	530~1710KHz ( at 10KHz steps )
EUROPE	87.5~108.0MHz(at 50KHz steps)	531~1620KHz ( at 9KHz steps )



## Notice:

Every time after you change the local setting ,you should restart the Radio program, or it may not take effect.

RDS,AF,TA,PTY is only available for the region where there is signal, the menu will differ from different demand.

## RDS(Radio Data System)

This product supports RDS, and provides display and control information for 87.5~107.9FM. There are three buttons to control some of the RDS features;

## AF(Alternative Frequencies)

The AF function automatically makes minor changes to the frequency ensuring the strongest possible radio signal.

To use the AF function, wait until the RDS information is received from a radio station, then press the AF button. This process is required each time you switch to a new radio station.



## TA(Traffic Announcement)

The TA function is designed to inform drivers of emergencies or traffic congestion, and only works when the TA signal is sent through RDS from a radio station.



- Turn on "TA" after radio receives RDS radio station. If the device is in other applications, the RDS "TA" function will automatically switch applications to hear the emergency broadcast message. If the "TA" function is off, RDS will not switch applications for an emergency broadcast.

### PTY (Program Type)

- Each RDS radio station has a "PTY" or station "category" indicating the style of the current program. There are 32 "PTY" categories (including "None").
- Touching the "PTY" button will cause the radio to select stations with the same category when you are switching radio stations. Touching the "PTY" button again will allow searching through all categories while switching radio stations.



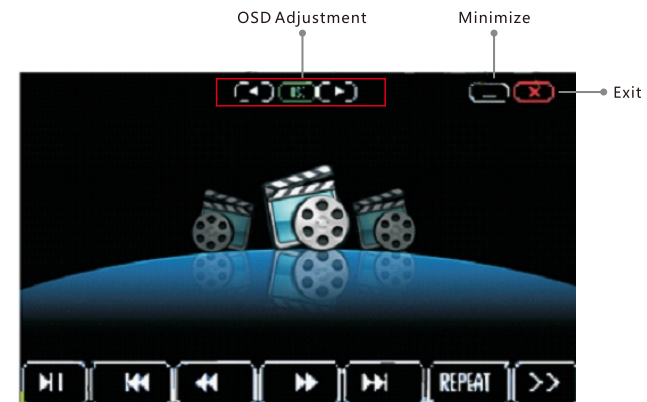
DVD

Touch the "DVD" icon in the main menu, or press the unit's "DVD" button to enter the DVD application. Touch anywhere on the screen to display the DVD playback menu.



### Note:

- Disc video will only be displayed on radio unit while parking brake is applied (parking brake connection must be made by qualified installer) It is illegal in most regions, and unsafe, to display video viewable by driver.
- Changes made to the audio or subtitle options using the DVD playback menu only apply to the current playback settings. To change audio or subtitle settings for every playback, touch the "SET" button in the DVD playback menu and adjust the language options in the DVD player system settings. If the language settings chosen are not available with that DVD, the default DVD language settings will be used.
- Keep discs clean to avoid dust/pollutants, or disc may not operate properly, and possibly cause damage to unit.



### DVD/CD Playback Menu

- Touch to play or pause DVD playback.
- Touch "previous" button to skip to the previous chapter/track/scene.
- Touch "next" button to skip to the next chapter/track/scene.
- Touch "Rewind" to reverse DVD playback at 2x speed. Touch "Fast Backward" again to go back at 4x, 8x, and 16x regular playback. Touch "play" to return normal playback.
- Touch "Fast Forward" to increase DVD playback to 2x speed. Touch again to increase speed to 4x, 8x, and 16x regular playback. Touch "play" to return normal playback.
- Touch "REPEAT" to repeat playback while playing CD/DVD.





- >>** Touch "Next Page" to see second set of DVD options.
- SET** Touch "SET" to open the DVD player system settings. The DVD player settings can be set in the general settings page, audio settings page, video settings page, and other settings page. DVD menu language can also be changed in the DVD player system settings.
- AUDIO** DVD: Touch "AUDIO" to display the current language audio setting. Touch "AUDIO" again to cycle through DVD language audio options (Different DVD's have different audio options)  
CD: Touch "AUDIO" to display current playback setting. Touch "AUDIO" repeatedly to cycle through playback only in the right side, only in the left side, right and left side signals combined, and stereo audio playback.
- SUB-T** Touch "SUB-T" to switch through the sub-title languages available. Languages available are limited to what is included on the DVD.
- TITLE** Touch "TITLE" to display the title information while the DVD is playing.
- DISP** Touch "DISP" to display playtime, title, remaining time, chapter time, remaining time in the chapter, etc. while DVD is playing. Touch "DISP" again to exit.
- MENU** Touch "MENU" to display the DVD root menu.



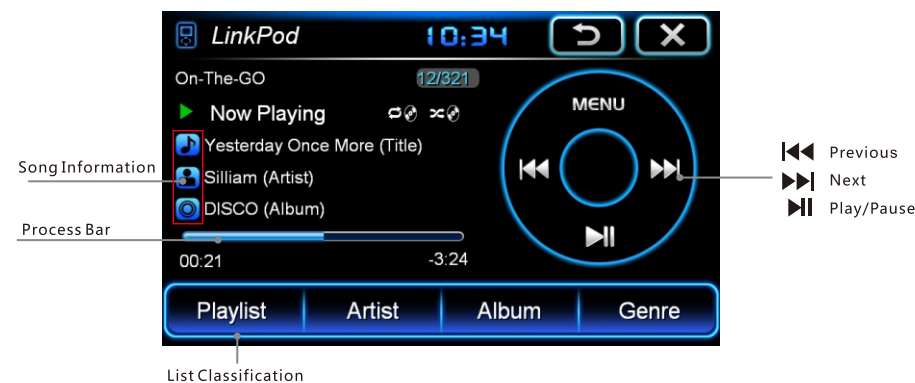
## APPS

Touch the "Apps" icon in main menu to open the apps menu. The apps menu contains the "LinkPod", "Bluetooth", "Movie", "Files", "TV", "AUX", "Audio", "Options", etc. icons.



## LinkPod

This device supports several kinds of Apple devices (iPod, iPhone, iPod Touch, etc.), giving you music playback and battery charging at the same time. To use your apple device, connect the device to the iPod cable, touch the "Apps" icon in the main menu, then touch the "LinkPod" icon in the apps menu.







The iPod application will display the current song title, artist, and album playing, as well as allow you to choose from your apple device's playlists, Artists, Albums, and Genres. You can use the play/pause/next track/previous track options, as well as the repeat and shuffle options. You can also drag the process bar to select play time point.



iPod cable (may be optional)

Touch the "MENU" button to change play mode.



## Bluetooth

Touch the "Bluetooth" icon in the main menu, or press phone button on the unit to open the Bluetooth application.



To make a Bluetooth connection, you must pair the device with your phone.

### Pairing device

- Open your mobile phone's settings menu.
- Locate the Bluetooth settings.
- Turn on Bluetooth.
- Search for Bluetooth devices. (Optional Bluetooth communication is within 10m/30ft of device).
- Select device, and enter 1234 for the password.



### Notice

- If you have paired your phone with the device, the device will automatically connect your mobile phone the next time you open the Bluetooth application. (The mobile phone's Bluetooth connectivity must be turned on before connecting.)
- If your Bluetooth mobile phone has already been added to the Bluetooth devices list, you can manually connect your mobile phone in the devices menu.

### Disconnecting Bluetooth devices

Touch "Devices", and then select the mobile phone's Bluetooth name. Touch "Disconnect" to disconnect the phone.



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### Contact & Call History Sync

Once your phone is connected, your contacts and call history will automatically sync with the device. To update the list, touch "Contacts" then "Sync. Now".

### Dialing and answering calls

Please confirm that your mobile phone has been successfully connected with the unit before dialing and answering calls.



Use the digit keyboard in Bluetooth interface to input the desired numbers then touch the  icon to connect a call. You can also use your mobile phone to dial, however it is not recommended when vehicle is not in park. Touch the  icon to end the call.

### Contacts and History

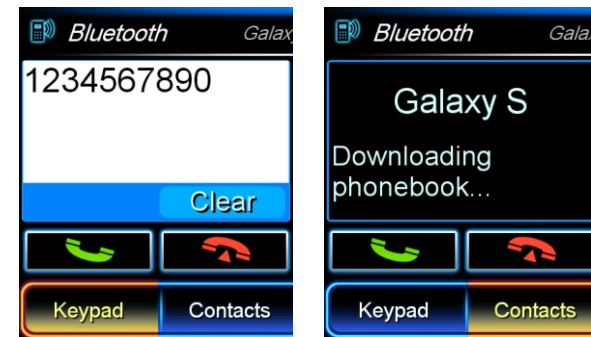
To view the contact or history lists touch "Contacts" or "History".

Call history is split in to three categories; missed, received, and dialed. Touch "Missed" to see a list of missed calls, "Received" to see a list of recent calls you've answered, and "Dialed" to see calls you've made.




To search through the list, touch and drag any section on the visible part of the list, or touch the search box and type in your contact's name.

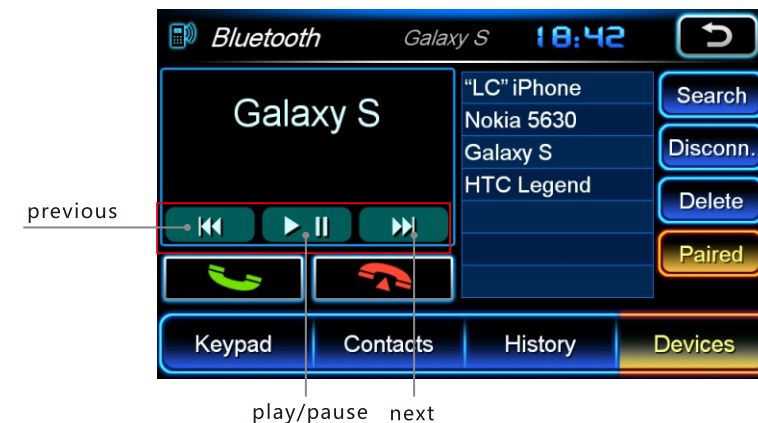
### Devices

Touch "Devices" to view unit's pairing history. Touch "Search" to search for a new device. Touch "Connect" to attempt a connection to a phone selected in the list. Touch "Delete" to remove the selected device's pairing history. Touch "Paired" to see which phone is currently paired to the unit. To select a device, touch any of the device names in the list.



### Bluetooth Music(A2DP)

Enter the mobile phone audio interface by clicking "Mobile Media" in the Bluetooth main menu. You can control the mobile phone's playback using the  play/pause,  previous and  next buttons. (Notice: Mobile phone must have A2DP to use this feature.)





## Movie



### Note:

video will not be displayed on radio unit unless parking brake is applied (connection required by qualified installer) for safety reasons

Touch the "Apps" icon in the main menu, then touch the "Movie" icon in the apps menu to open the movie application. The "Files" application will open, allowing you to choose the file you wish to play. Start the player by double tapping a movie file, or by touching a file and pressing the "Play" button. You can also open the movie application by double tapping a file in the "Video" tab of the "Files" application. Video formats supported:

video codec	audio codec	audio codec	resolution			
H.264	Mp3	usb 1.1 : < 2Mbps	max: 800x480			
DivX 3						
XviD						
mpeg2	WMA					
DivX 4						
DivX 5	AAC	sd card, usb 2.0 : < 8Mbps				
avc1						
WMV1						
WMV2	mpeg audio					
WMV3						
MPEG-4:QuickTime	RealAudio:cook					
RealVideo 3						

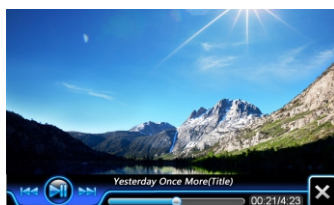


Touch Play/Pause, next file, or previous file to change playback settings.

Touch the X to exit the movie application.

The video information displayed includes file name, format, current playback position, and total play time.

Touch and drag the process bar to fast forward or rewind to any point.



## Files

Touch "Files" icon in the apps menu to open the file browser.

### Storage Locations:

Touch "All" to see all files available that are compatible with this unit. Touch "Local" to see files stored on internal storage. Touch "USB" to see files stored on a connected USB device. Touch "SD" to see files on the SD card.

### File Categories:

Touch "Audio", "Video", "Photo", or "Other" to see files compatible with this unit sorted according to media type.



### Photo

Double tap to view image files and set them as wallpaper. The image viewer supports .bmp, .jpeg, .gif, and .png file formats.





### Other:

This unit supports Microsoft Office file formats including Word (.doc), Excel(.xls), and PowerPoint (.ppt), as well as PDF's.



### Info:

Users can check the storage information in local, USB or SD card by clicking "Info" .

- a) Total storage memory capacity of NAND Flash.
- b) Memory capacity occupied by current file and the remaining memory capacity.
- c) Respective memory capacity of music, movie, image, and other files.
- d) Respective percentage in total memory capacity occupied by music, movie, image, and other files.



### Internet

Some models come with internet surfing capability.

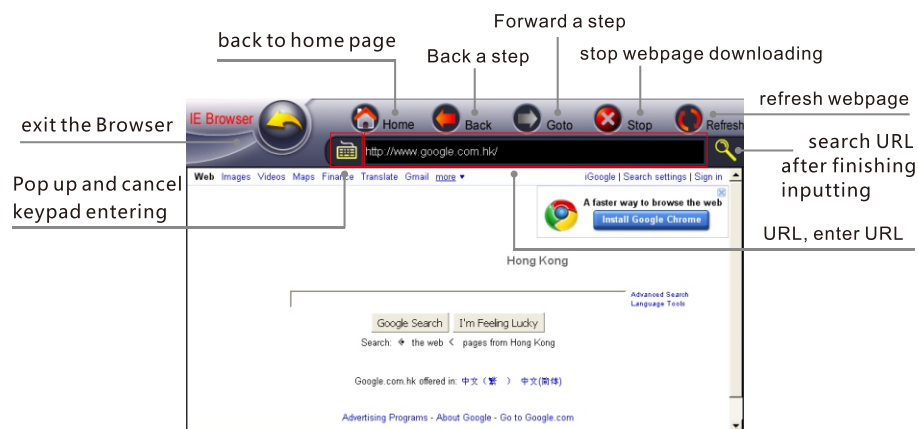
These models require a 3G USB adapter, along with an active 3G (WCDMA) SIM card to use the "Internet" function.

To use internet hardware, remove back panel of 3G USB adapter, insert 3G SIM card, put the cover back on, and insert 3G USB adapter into units USB input.





## Interface function:



TV

(Some models are without this function. Please refer to the actual product.)

Some models come with a TV function that displays "Over the Air" digital or analog signal.

These models require an analog or digital TV tuner. For installation, refer to the TV instructions included with your TV tuner.

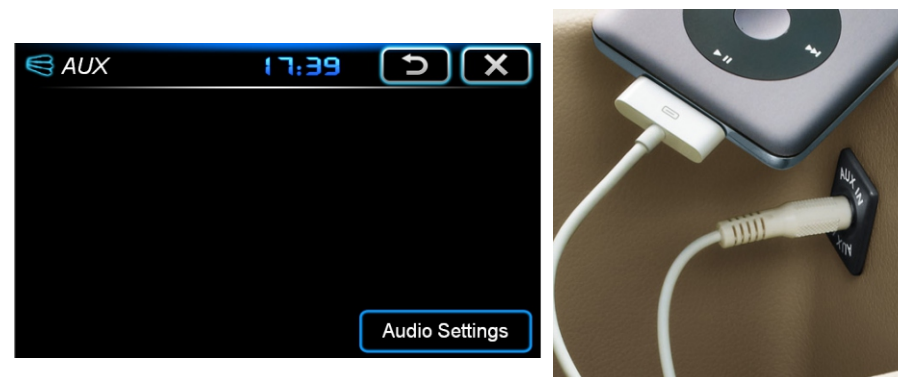


## AUX:

Some models come with an AUX input.

Turn your device to approximately 80% volume, and connect it to the aux input (Some vehicles have the AUX input jack from factory. If your vehicle does not have this feature, a third party cable may be required. Talk to retailer for more information.) After connecting your device, touch the "AUX" icon in the main menu to use the AUX input.

Control volume using unit's volume controls. Control audio playing using your audio device.





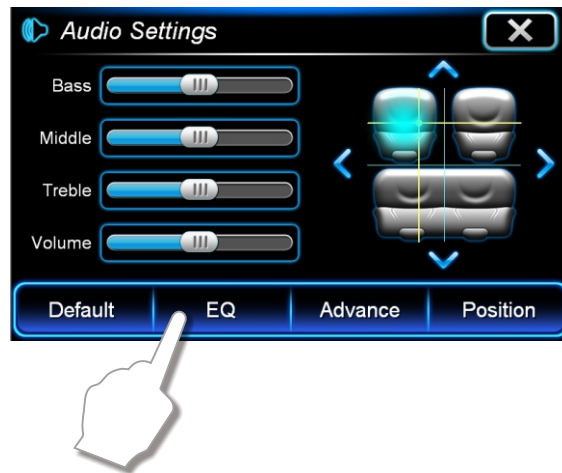


## Audio

Touch "Audio" icon in Apps interface to enter the audio options menu.

To adjust treble, middle, and bass, touch and drag the appropriate dot to the desired level.

To adjust balance or fade touch the fine adjustment arrows, or anywhere in the balance/fade display.

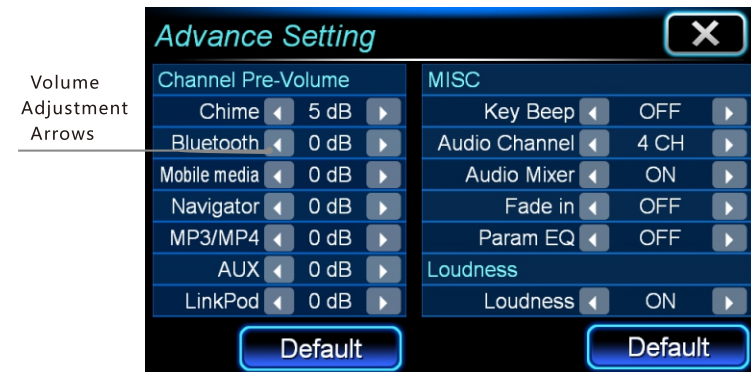


Touch the "EQ" in the audio settings menu to display the 9 band EQ and preset EQ settings. Touch from any of the 5 preset EQ settings to select them, or touch any of the dots to manually adjust a custom EQ setting. Touch the "Default" button to return to default EQ settings.



Touch the "Advance" button in the audio settings menu to open up the advanced settings.

Adjust volume levels of each program (on the left side of the screen) by touching the volume adjustment arrows. Touch the "Default" button on the left side to reset to factory defaults.



### Key Beep:

Touch "key beep" on to have a beep noise each time you touch an option on the screen.

### Audio Channel:

Touch to switch between 4 and 5.1 channel audio.

(Note: True 5.1 channel surround sound only takes effect when there is a DVD with a 5.1 channel audio output)

### Loudness:

When "Loudness" is on, the EQ will raise the high and low frequencies to mimic the change in frequencies when sounds are loud. Choose the frequency range affected when you increase the bass using "Bass Freq." option. Choose the frequency range affected when you increase the treble using "Treble Freq." option. Choose the preamp gain by changing the "Gain" option.



**Note:**

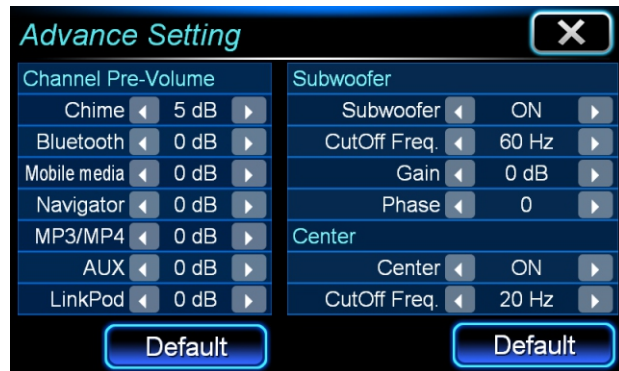
Some functions/accessories below may be optional.

**Subwoofer:**

Choose the low frequency cut off using the "CutOff Freq." setting. Choose your subwoofer preamp power using the "Gain" option. Shift the phase of the audio going to the subwoofer using the "Phase" option.

**Center:**

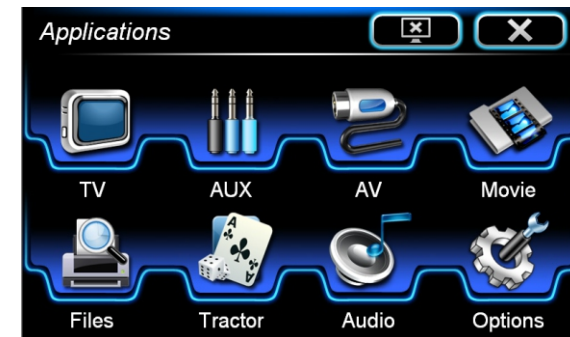
Choose the high frequency cut off using the "CutOff Freq." setting. Choose your center speaker preamp power using the "Gain" option.



Adjustment of all "Loudness", "Subwoofer", and "Center" settings should be done by a professional. Improper adjustments to these settings can cause damage to the speakers or Your hearing.

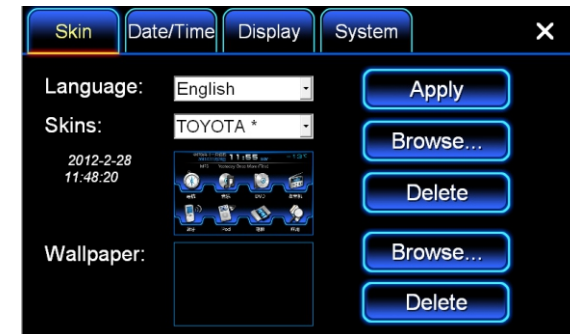
**Options**

Touch "Options" in the "APPS" interface to enter in options interface, where you can set skins, time/date, backlight adjustment, define steering wheel features, select interface language, and adjust touch calibration.



Touch the box beside "Language" to drop down a list of languages, then touch the language you would like the user Interface (UI) to display.

Touch the bottom browse button to the right of the wallpaper preview box, and select an image from any of your storage devices. To change wallpaper, select another image. To remove customized wallpaper, press the delete button.

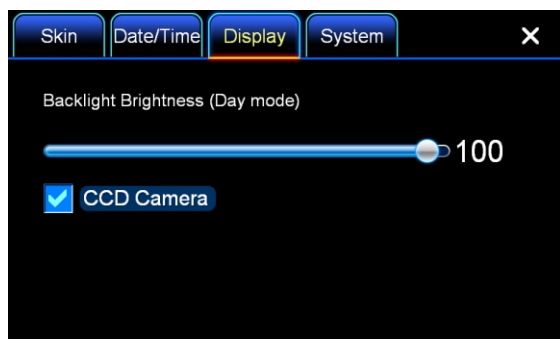
**Date/Time:**

Touch the "Date/Time" tab to adjust time zone, date and time, and switch between 12 and 24 hour clock. Once you have made your adjustments, touch the "Apply" button to confirm your settings. (Note: When a connection is established with the GPS network, date, time, and time zone will automatically be set by the software.)



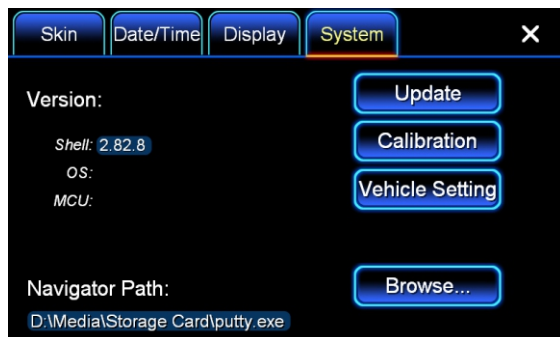
### Display:

Touch the "Display" tab to show backlight brightness, and CCD Camera option. Touch and drag the circle to adjust the backlight brightness. Touch the box beside "CCD Camera" to enable or disable the automatic switch to CCD display while the vehicle is in reverse.



### System:

Touch the "System" tab to view system information, update the system, choose the file folder for your map software, or calibrate the touch screen (see page 3 for detailed instructions).



For device updates, take your vehicle to an authorized installation center.

This device supports maps made for the WinCE 6.0 system. Touch "Browse" to open the "Files" application, select the map program (.exe), and touch "Ok" to update Navigator path. The next time you run navigation, the system will run the new map software (It is recommended to do this with the help of an authorized installation center).

### Backup Camera (optional) :

If a backup camera is installed, putting your car in reverse will automatically switch the unit's display to the backup camera display. Once you switch out of reverse, the unit will resume displaying what it was showing prior.

If you do not have a backup camera installed, please contact your dealer/installer for installation.



### Video Playback:

Video playback for the DVD/Movie/TV/AV applications is limited while driving. Unless the vehicle is in park, and the parking brake is applied, the screen will only display "ENJOY MUSIC WHILE DRIVING", and only audio will play. However, if you have rear seat video displays installed, the video will be displayed on the displays.



### AV(Changed into AV/TV in some models):

In some models, the TV application is changed into an AV application. This allows you to connect standard RCA audio and video (Video, Right and Left Audio) from other Audio/Video devices.

Touch the "AV" icon to view devices connected to the AV inputs.

### Steering Wheel Control:

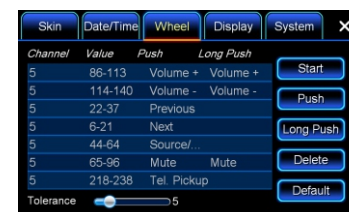
If your steering wheel controls are not functioning properly, try reprogramming the buttons in the "Options" menu, or take your vehicle to an authorized installation center.

**\*\*This feature is only available for the vehicle without original CAN BUS**

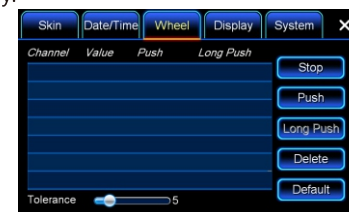


### INSTRUCTIONS FOR STEERING WHEEL CONTROL PAIRING

1. Power on the unit and click APPS --- options, then select Wheel icon.



2. Click start icon, then you can select one of the button and click delete icon. To delete all the buttons in this interface until there is empty.



3. Press each button on the steering wheel and you can see there will be a value for this button.



4. When you get all the values for all the buttons on the steering wheel and get them the correct names, you can click Stop to finish the pairing.



### Note:

you can make one button on the steering wheel two functions via clicking long push icon and select a different function you want.

But if the button is for Volume+ or Volume-, you cannot make each of them two functions, because these two buttons cannot support long push renaming.

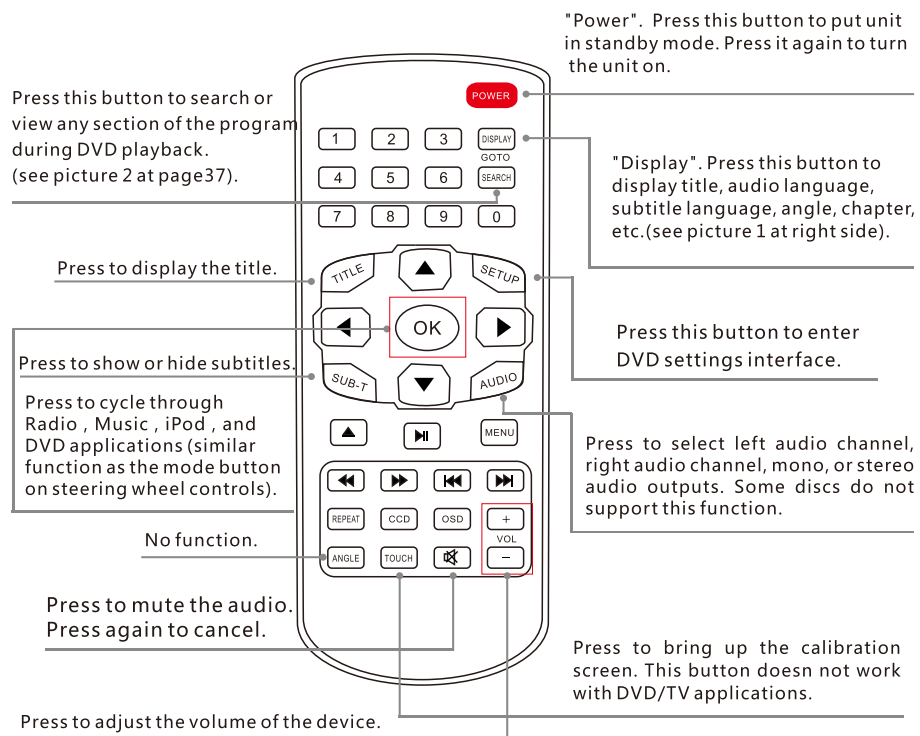


Conditions of usage  
 Ambient temperature: +45°C to -10°C  
 Relative humidity: <80%  
 Atmospheric pressure: 86-106Kpa  
 Operating distance: <8M  
 Directivity angle: ± 15°

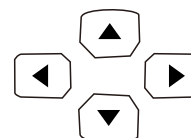
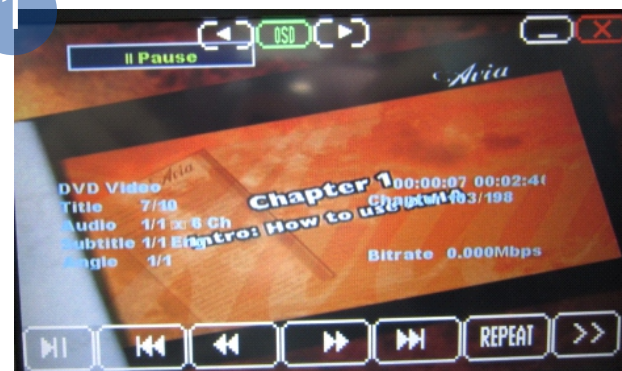


## Remote Control

### Functions of each button :



1



### "Arrows":

Press to direct selection in the DVD application.



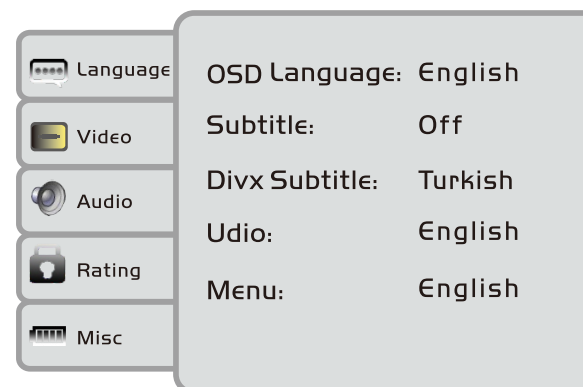
### "0-9":

Press these buttons to select a specific chapter.



### "Setup":

Press this button to open the DVD player settings.







2

**"Eject":**

Press to eject the disc.

**"Pause / Play":**

Press to pause or play the CD/DVD.

**"Rewind / Fast Forward":**

Press these buttons to skip ahead or backwards in playback.

**"Last /next ":**

Press to switch chapter, track, station, song backward or forward (depending on which application you are using).

**"Repeat" :**

Press to cycle between "repeat off" , "repeat chapter" and "repeat disc" .

**"CCD Camera":**

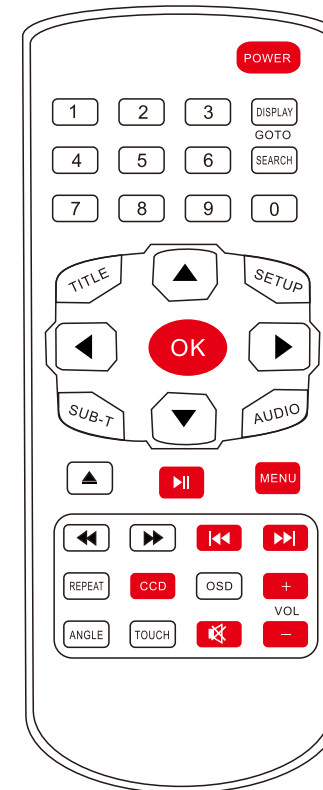
Press display the image from the backup camera (provided it is installed). Press it again to return to the screen you were previously on.

**"OSD":**

Press to cycle through brightness, contrast, saturation, amplifier settings, etc. Use "Arrows" to make adjustments.

**Note:**

The following keys can also work at Music/Radio/Movie/Ipod interface as same as DVD interface.

**For remote control use:**

- Please pull the remote out of the plastic insulation before using.
- Please remove the batteries if you do not intend to use the remote control for an extended period of time.



Audio Cable(For 4CH output)



GPS antenna



iPod cable



Microphone







Remote control



SD-Card



Stylus

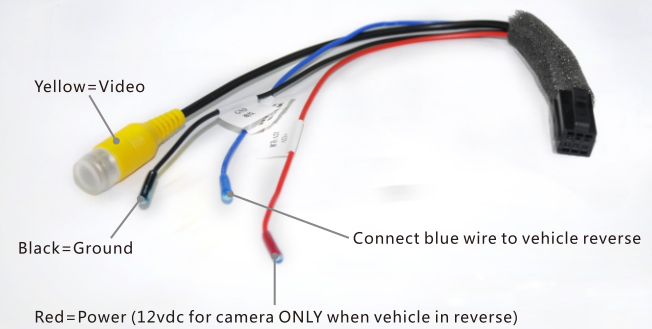


USB cable



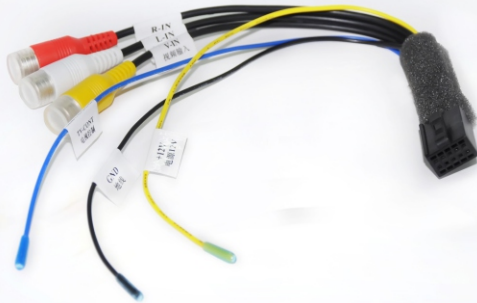
CCD Cable (For Back Reverse)

Connect to backup camera:





TV Cable



TV Box



Video Cable ( For Dual Zone )



3G Adapter





### Audio Cable 2(For Amplifier)



### Front Camera Cable

Connect to external camera:



### Warning:

If you find the following situations while using the device, this troubleshooting guide is meant to help you solve the problem quickly. If the problems are still not resolved after following this guide, please consult an authorized repair or installation center. Do not disassemble or remove the device! This may void your warranty, and/or lead to personal injury and damage to device.

Problems	Reasons	Countermeasures
Won't power on	Vehicle may not be turned on/ key in accessory "on" position	Turn on vehicle or turn key to accessory position
	The fuse may be Blown	Check fuse and replace if blown
Touch screen inaccuracy	Re-calibrate the touch screen according to touch screen calibration steps through "Options" - "System" in Apps.	
Touch screen does not work	System program may be processing	Wait a few moments. Power off/on if it still doesn't function
Disc won't play	Disc not inserted correctly	make sure disc is inserted label side "up"
	Disc may be damaged	Check another disc
	Disc may not be compatible	Check disc type and region code



Problem	Reasons	Countermeasures
The screen is black with no images or monochrome when playing DVD.	Brightness, contrast or color saturation is adjusted too low.	Readjust the brightness, contrast, color saturation.
Backup/front facing camera will not display	Camera/s not installed, or properly installed	Have a qualified installer install the camera/check for correct installation
	Camera may be blocked	Check camera for obstruction
GPS fails to locate current location	GPS antenna is not connected.	Have a qualified installer check connection
	Signal may be blocked due to tunnel, bridge, etc	Continue driving until clear signal path to GPS antenna is known. If GPS still won't locate current location, contact the customer service
GPS fails to locate destination location	Signal may be blocked due to tunnel, bridge, etc rural location may not be programmed in map software yet	Continue driving until clear signal path to GPS antenna is known. If GPS still won't locate current location, contact the customer service for further troubleshooting and/or map software updates
GPS does not show shortest route	Sometimes GPS will show shortest time, not distance, based on road conditions, traffic rules, etc	
GPS map appears blank	Display may be zoomed "in" to close	Zoom "out" map display

### Care and Maintenance:

This multimedia navigation system utilizes highly precise and sensitive technology and should be used with care. Please follow the following suggestions to help you fulfill warranty obligations, and extend the life of the device.

- Please do not allow children to operate unit, as well as keep all parts and accessories from children.
- Keep device dry. Exposure to water, liquids, or moisture may cause damage to the vehicle or device, and may cause physical injury.
- Do not expose device and/or components to extreme heat/cold, as damage may occur and may void warranty.
- Do not attempt to open or disassemble the device. Doing so will void the warranty. If you are having issues with your device, contact dealer or authorized repair facility.
- Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the device.
- Do not use sharp objects to operate the LCD touch screen, as it is very easily scratched. To operate, please use the tip of your finger or the touch pen provided.